BEST AVAILABLE COPY



Replacement Sheet 1 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

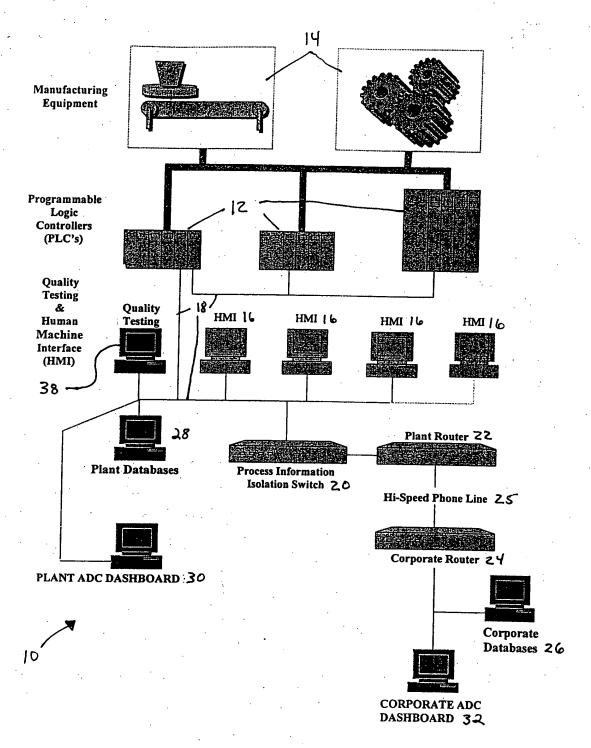


Fig. 1

Replacement Sheet 2 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

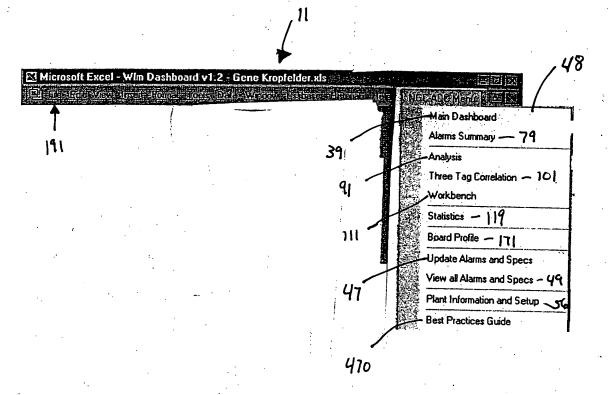


Figure 2a

Replacement Sheet 3
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

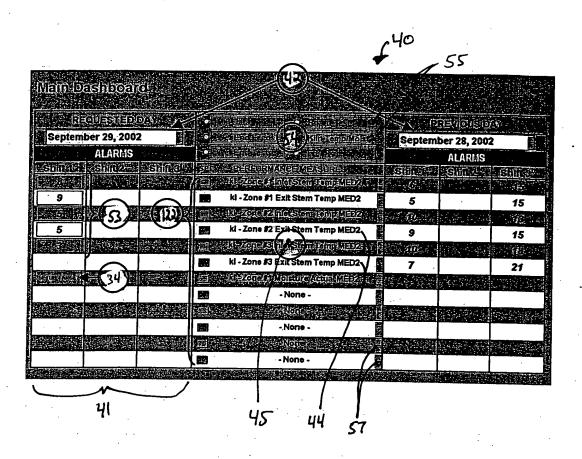
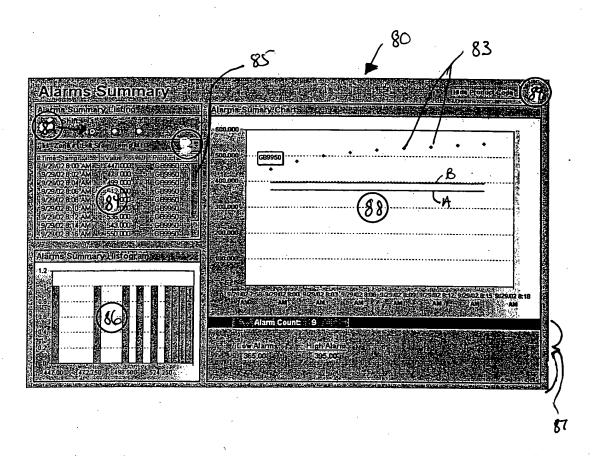


Fig. 26

Replacement Sheet 4
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.



Fiq. 3

Replacement Sheet 5 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

									/ Y	b						
	435						٠	1			57			berest dates a gapan		
	Wpdate Alam		A SHARE	TANK BOWN	ions Millio											
				(5)	d Poar Measur				in of							
		STATE OF THE	cine#6	Outlet Te				Û								41.4
436	PLC Value Product Description	E E	- 100	2 102 HS 2	3 £127, SS TE (Sta [®] Smooth)		5 K M	6 10: 06: Ourabas	7 12 (50	8 10: 150 55 (State Smooth)	9	10	11	2	13	44
	Product Code	Ali	GB4080	GB0019	G86270	GB0116	GB2280	GB5926	GB6793	GB6601	GB6058	GB9950		GB1310		
	High Alarm	370	370	370	370									 		
	Low Alarm	330	330	330	330	330	330	330	330	330	330	330	330	330		
	Upper Spec Limit	0	0	0	0	<u>S.</u>	ソ゜	0	O	0	0	0	0	0		
	Lower Spec Limit	0	0	0	0	0	0	. 0	0	0	0	. 0	0	0		

Fig. Ya

Replacement Sheet 6 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

DCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGC											, 5	58					
Comparison Com		,59									1						
Control Cont								~1. · · · · · · · · · · · · · · · · ·	~#F VIII		TORREST AND	and of miner	7. m. m.	decomposition of			
Allerman and Werming Specification PLC Value All 1 2 3 4 5 8 7 8 9 10 11 12 13 12 13 125 170 cts												mates.	200	Participant of the Control of the Co	122 F 12		C S X
Reference and Weerships	The state of the state of the state of	CONTRACTOR OF THE PARTY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100	A PARTY OF	20 CO TO 10 CO					E 10					Ž.
Now for Last Teg	Aterms and Wernings																
### Found Code A G8990 GB900 G	Row for Last Tag									7							14
### Special Actual High Alarm 150 190	125																J
Low Alarm 140	C Dr. 15- Carrel Ashed																-3
Lipper Spec Limit	AM Dr. The Speed Votes																
Lower Spec Limb Retrieval Heaves 0.8 0.8 0.5 0.5 0.8			 		 			1.0	1,10		· · · · · · ·	1	- 139		,	177	
### Form Figh Alarm 0.6 0.8				L													
Low Alarm																	
Speer Spees Limit Cover	win WE_Soop_Actual																
Lover Spec Limit Liver L			D,45	0.45	0.45	D.45	0.45	0.45	0.45	0.45	0.45	0,45	D,45	0.45	0.45	0.45	
##NME_Succo Temp High Alarm			 	⊢	1					-	-				 		├
### ### ### ### ### ### ### ### ### ##			 									_					
Low Alern 190	da WE Sucra Temp		220	220	220	220	220	220	220	220	220	220	220	270	220	220	 2
Upper Spec Limit Retrieval Interval	**************************************																3
Lower Spec Limit Refrieval Interval																	
### Alarm 2500 2600		Lower Spec Limit															
High Alarm 2600 2		Retrieval Interval					<u> </u>										
Low Alarm 2300 23			l/			~~~	~~~		~~~	3000	~~~		****				i D
Lipper Spec Limit	<u>d</u>	High Alarm															
Lower Spec Lint Retrieval Interval														-2-00			
Retrieval Interval			-				-										P.
High Alarm 620																	
Low Alarm 400		Laura Alaura	670	620	620	620	820	670	. 620	620	520	820	620	620	670		
Upper Spec Litrat	<u> </u>																
Lower Spec Lint Rethrew Interval					1												!
High Alarm 16.5 18.5 1																	
Low Alarm 12.5 12																	
Upper Space Unit Upwer Space	win DE_Moisture_Average																
Lover Spec Linit			12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
Retrieval Interval								-				_				 	B
vin RD Pan J rector J Rote A Hyth Alarm 55 55 55 55 55 55 55 55 55 55 55 55 55								_							-		
High Alarm SS SS SS SS SS SS SS	Min RD Pan Feeder Rate A				·												
Love Alarm 1 1 1 1 1 1 1 1 1		High Alerm	55	55				55	55			55			55		₽
Lover Spec Limit		Low Alarm		1		1		1	1	1	1		1	1			
Retrieval Interval			\vdash														
#RRD Moleture Actual High Alarm 77 77 77 77 77 77 77 77 77 77 77 77 77															ļI	├─	<u>K</u>
Low Alern 72 72 72 72 72 72 72 72 72 72 72 72 72	de DO Maintine Actual		77	77	77	71	77	77	77	77	77	77	77	77	77		
Upper Spec Linit	THE PARTY OF THE P					72											
																	
		Lower Spec Limit															
	special major disper-			777011	a territoria	14 PH #1				**************************************	13.5	tock to have	1	X 22 18	77.05	\$650V	100
					/											-	$\overline{}$
															200 200 200 200 200 200 200 200 200 200		

Fig. 46

Replacement Sheet 7 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

62 60 Product Information Shift Information: PLC Value Product Cod 1⁵⁷ SHIFT NONE NO PRODUCT RUNNING NONE 8:00 AM 4:00 PM GB4080 EI/20REGITE 2:00 AM GB0019 1/2" HS TE 8:00 AM GB6270 **3740** GB0116 1/2" SS HS (St -Smooth) 48 448 1/2" DB (Durabase) Dual Line Plant 48 GB67933 Line Number GB6601 1/2" FSC SS (Sta-Smooth) 48 1/22 FSCKKERE \$/48*)* 5/8" FS TE Plant Information. GB1280 Q 6 AS ES KIKE **松泽48**度 GB1310 5/8" FS SS 48 1432 Line Length (Mixer to Knife) - Feet Wet; Liransier Length (Leet Knife) Kiln Length - Feet Number of Deck and No. Kiln Zone 1 Length Feet Kilm Zone 2 Eangle Peet 16 121 18 Kiln Zone 3 Length - Feet Kiln Zone d'L'ength & Feet 8215W 2131 22 23 to 24 64 68 70 76

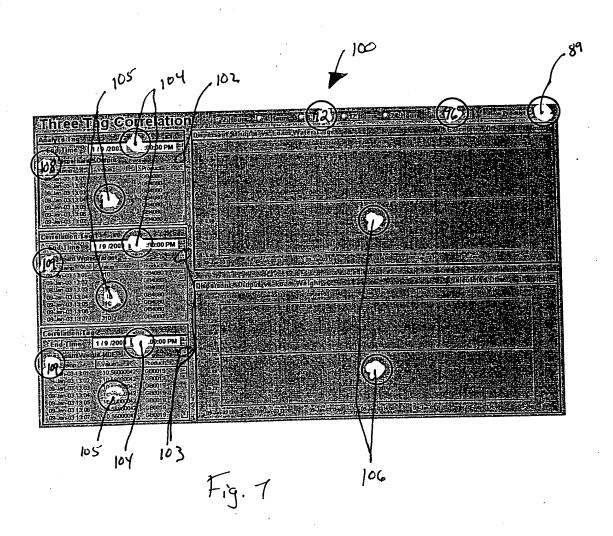
Fig. 5

Replacement Sheet 8
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

	90	<u>:</u>
Analysis (12) Dr Rous	MATERIAL SEPTIMENT TO SERVICE	MERCHAN 3 300.00 PM E 1885
3/23 1975 1975 1975 1975 1975 1975 1975 1975	GB0019	
	(8)	72-30 PM 3 (1903)2-15 PM 4 (1903 7:00 PM 4
Histogram of Dispersant & Output desarting and the second	Data (or Dispers and A)	Deputs Washington Control of Cont
93	100 and 100 an	GB000 6 7 7 7 7 7 7 7 7 7
	(e) n (i) (i) (ii) (ii) (iii)	4118 (15 see G80001 kg 1915) 12

Fig. 6

Replacement Sheet 9
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.



Replacement Sheet 10 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

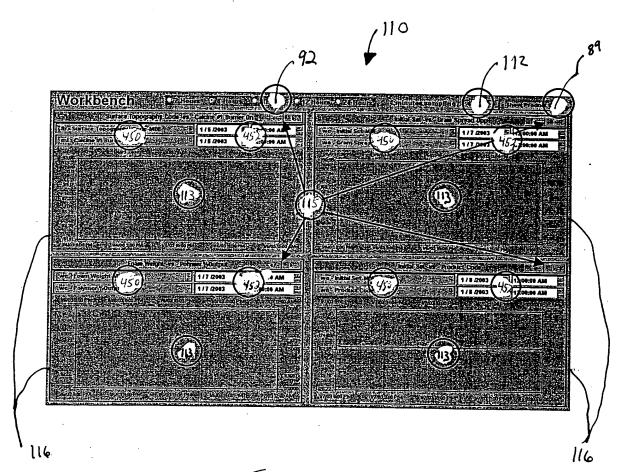


Fig. 8

Replacement Sheet 11 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

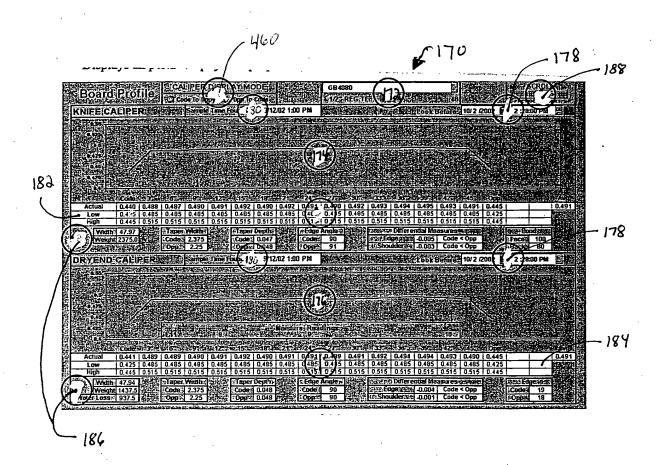


Fig. 9

Replacement Sheet 12 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

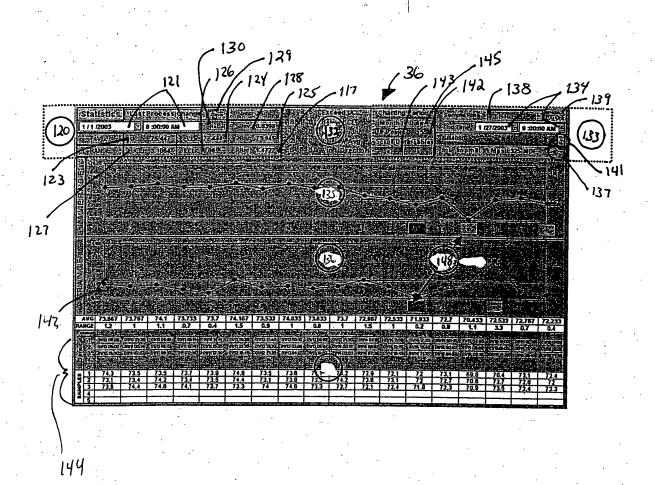


Fig. 10

Replacement Sheet 13 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

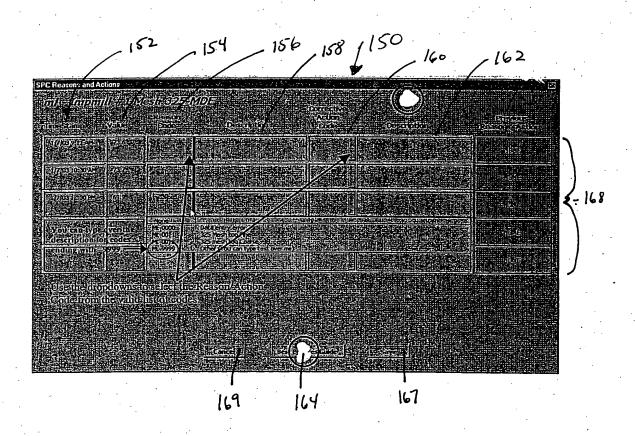
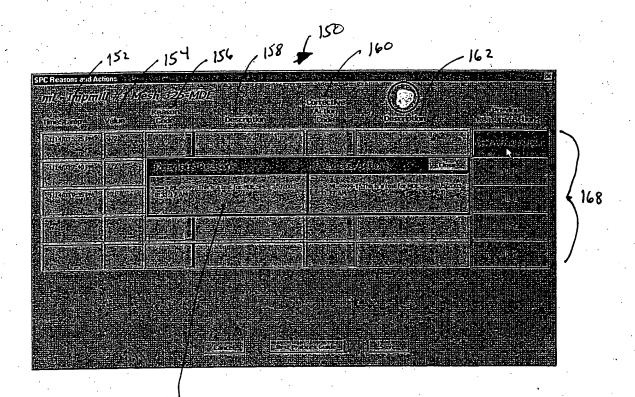


Fig. 11a

Replacement Sheet 14
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.



U7<~

Fig. 116

Replacement Sheet 15 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

The goal of this SOP is to produce stucco that is calcined below theoretical with as few adjustments as possible.

BEST PRACTICE/S.O.P.

166

1. Combined water of stucco exceeds the upper limit.

Make sure the grinds are in the reasonable limits.

(Course grounds will cause the moistures to go up)

Examine the history of previous moisture's.

(2 samples in a row high or most of the samples were high)

Examine the purity.

(If the purity went up quite a bit, the moisture's will get higher)

If grinds are out of the control limits, they need to be lined out before any adjustments are made to the calcidyne's.

If grinds are in the control limits and purity is stable and sample still exceeds the upper limits then an adjustment to the calcidyne needs to be made.

When the purity goes up, it may take some time for the calcidyne's to adjust, no need to make adjustments right away. Run a couple of samples and see if they will adjust by themselves. If not make an adjustment.

2. Combined water of stucco is less than the lower limit

Make sure the grinds are in the reasonable limits.

(Fine grinds will cause the moistures to go down)

Examine the history of previous moisture's.

(2 samples in a row low or most of the samples were low)

Examine the purity.

(If the purity went down quite a bit, the moisture's will get lower).

If grinds are out of the control limits, they need to be lined out before any adjustments are made to the calcidyne's.

If grinds are in the control limits and purity is stable and sample still exceeds the lower limits then an adjustment to the calcidyne needs to be made.

Replacement Sheet 16
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

£ 192

L. Quality Report Login Screen	open File	(194)
Enter Password Pagured to Change Plant Server Enter Password Pagured to Activate the Open File Button, if a light of the Change Plant Server	Enter Password	181
Seject Plant: Apollo Beach		195
Select Server: Corporate Select Corporate only if you are located in Charlotte, on you need to accomply		197) Annyou pers
The Selected Server is HQADC 12 to 199		

ر ۱۶

•

Replacement Sheet 17
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

1193

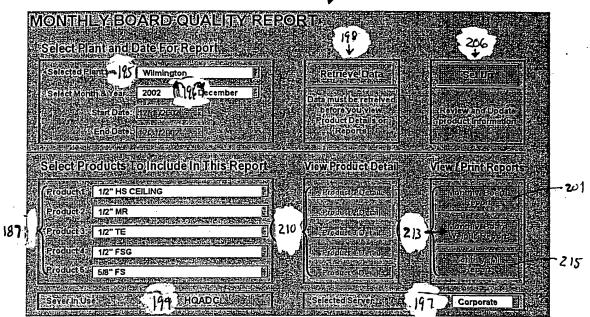


Fig. 14

Replacement Sheet 18 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

MONTHLY BOARD QUALITY REPORT

₁200

·		fa(
PRODUCT CODE AND	; GB4080, Цё\/	16 GB9950	GB2280	GB0019 40l	GB0116 Vol
DESCRIPTION	1/2" REG TE	5/8° FS TE	172 KK TE	1/25HS TF	1/2" SS HS (Sta-
Medical Section of the Committee of the	and the state of t		Comments to the	Market Service	Smooth)
Lab 40x	23 60 50 14 50 70 50 A	VASA NAIL	PULL-lbs of f	orce	CONTROL OF ALMSTON
Number of samples	75	22	1	9	AM SHARROW FINDS AS A SECOND
Specification (Min)	80.0	90.0	80.0	80.0	80.O
3-Month Rolling Average	71.4	84.8	82.1	70.6	70.9
Standard Deviation	2.722	4.458		2.985	3.081
Year-to-Date Average	71.4	84.8	82.1	70.6	70.9
Prior Year Average Cpk	74.886	89.838	85.750	77.067	76.100
Est. Defects Per 1,000 Units	-1.049 > 500	-0.391 > 500		-1.046	-0.990
Cp .	-1.049	-0.391		> 500 -1.046	> 500
					-0.990
Lab	CALL STATE OF STREET	CORE H	ARDNESS ibs	of force	Mindelasta
Number of samples	68	21	1 1	9	4
Specification (Min)	15.0	15.0	15.0	15.0	15.0
3-Month Rolling Average	17.1	23.0	19.3	17.1	16.3
Standard Deviation	1.366	1.750		1.054	0.831
Year-to-Date Average	17.1	23.0	19.3	17.1	16.3
Prior Year Average Cpk	18.276 0.518	23.056	17.333	18.389	16.889
Est. Defects Per 1,000 Units	80	1.514		0.668	0.535
Cp	0.518	1.514		40 0.668	80
					0.535
Lab Lab	是2011年2015年2015	EDGE HARD	NESS CODE	lbs of force	O Decreased
Number of samples	67	21	1	8 1	4
Specification (Min)	15.0	15.0	15.0	15.0	15.0
3-Month Rolling Average	56.1	72.4	64.3	56.5	51.7
Standard Deviation	4.725	9.285		6.644	7.193
Year-to-Date Average Prior Year Average	56.1 42.430	72.4	64.3	56.5	51.7
Cpk	2.900	64.194 2.061	55.000	43.846	47.000
Est. Defects Per 1:000 Units	<1	<1		2.080	1.703
Ср	2.900	2.061		2.080	<u><1</u> 1,703
Lab	STIP TO PROPERTY.	EDGE HARDNE	SS-OPP CODE	-lbs of force	DED TOTAL
Number of samples	66	21	1	8	4
Specification (Min.)	15.0	15.0	15.0	15.0	15.0
3-Month Rolling Average Standard Deviation	62.1	75.0	79.3	57.7	62.7
Year-to-Date Average	5.351 62.1	7.700 75.0	70.3	4.366	0.837
Prior Year Average	49.159	60.030	79.3 62.222	57.7	62.7
Cpk	2.934	2.599	02.222	46.282 3.261	47.000
Est. Defects Per 1,000 Units	<1	<1		<1	19.016
Ср	• • •				
ir.	2.934	2.599		3.261	19 016
	2.934			3.261	19.016
Lab	2.934		RDNESS - Ibs o		
Number of samples	2.934 69	END HAI	1		
Number of samples Specification (Min)	2.934 69 15.0	21 15.0	1 15.0	9 15.0	
Number of samples Specification (Min) 3-Month Rolling Average	2.934 69 15.0 16.1	21 15.0 22.2	1	9 15.0 16.4	4 15.0 15.2
Number of samples Specification (Min) 3-Month Rolling Average Standard Deviation	2.934 69 15.0 16.1 1.385	21 15.0 22.2 1.798	1 15.0 20.3	9 15.0 16.4 0.961	4 15.0 15.2 0.638
Number of samples Specification (Min) 3-Month Rolling Average Standard Deviation Year-to-Date Average	2.934 69 15.0 16.1 1.385 16.1	21 15.0 22.2 1.798 22.2	1 15.0 20.3 20.3	9 15.0 16.4 0.961 16.4	4 15.0 15.2 0.638 15.2
Number of samples Specification (Min) 3-Month Rolling Average Standard Deviation Year-to-Date Average Prior Year Average	2.934 69 15.0 16.1 1.385 16.1 17.829	21 15.0 22.2 1.798 22.2 22.528	1 15.0 20.3	9 15.0 16.4 0.961 16.4 18.028	4 15.0 15.2 0.638 15.2 16.889
Number of samples Specification (Min) 3-Month Rolling Average Standard Deviation Year-to-Date Average Prior Year Average Cpk	2.934 69 15.0 16.1 1.385 16.1 17.829 0.255	END HAI 21 15.0, 22.2 1.798 22.2 22.528 1.336	1 15.0 20.3 20.3	9 15.0 16.4 0.961 16.4 18.028 0.488	4 15.0 15.2 0.638 15.2 16.889 0.087
Number of samples Specification (Min) 3-Month Rolling Average Standard Deviation Year-to-Date Average Prior Year Average	2.934 69 15.0 16.1 1.385 16.1 17.829	21 15.0 22.2 1.798 22.2 22.528	1 15.0 20.3 20.3	9 15.0 16.4 0.961 16.4 18.028	4 15.0 15.2 0.638 15.2 16.889

Replacement Sheet 19
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

431

Return

Monthly Board Weight Report

PLANT: Wilmington

MONTH: February 2003

SHEATHING	I. MONT	HLY,WEIGHT	DATA (E) EE
Board :	AVG WEIGHTAR	STO OEV	OF SAMPLES
December 2002 15 15 15 15 15	1719	9	2
danuary 2003 2003	1713	16	6
WEST PROPERTY AND STREET			
March 2003 是是是是			
SAprile200316 Sept. Schieffels			
May 2003 ELL BURNEY			
~June 2003至4 年 中国			
FJulyE2003 At THE SQL TO SQL THE			
August 2003 Talia La	·		T
September 2003			
October 2003 A Service Control of the Control of th			
《Novemberic2003》,最高型量是交通			
December#2003 发现企业			
METATO AVERAGE 型体的设施	1713	16	6

Replacement Sheet 20 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

३०४ 408 407 Return Product Data STD - 2-Hr Humidified Bond STD STD STD PLC Description Width Speed Dry Weight Water Loss Bond Value B3990 G on GB5620 GB6793 6/1/02 12:00 AM NO PRODUCT RUNNING NA NA 0 3/8" TE 1/2" TE 1/2" KR 404 1/2" FSG GB3760 1/2" MR GB1242 1/2" KK FS GB0019 1/2" HS CEILING 1/2" SS (STA SMOOTH GB6270 48" GB8000 48" 1/2" SHEATHING 48" GB9950 5/8" FS 48" GB1400 5/8" MR FS 48 GB1050 5/8" KK FS GB9466 13 5/8" FS JS 15 16 17 18 19 20 21 22 23

Fig. 17

Replacement Sheet 21 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

									61.1									
								. ,	کاک م									
								- 1										
		431						1	•			411						
		751						•			1	47						
	A	HQ"TE	1								/1							
	Return	GB4684			1	 		 		 	/ 		 	 	├	├		L
	Jakenninger and	February	2003										 		 			-
	ACCUPATION OF THE PARTY.	 	 				·	I		17					 		-	\vdash
		Machine	Org	Vet	Vater	Board	Таре	r Depth Opp	-	 	 ` -	Edge H	rdness			· · · ·	rensvers	-:
	BASSE 45452 12404	Speed	Veight	Velgan	Loss	Vidth	Code	Code	Callper	N.E Pus	Core	Code	Code	End	d Deficatio	Face Up	Face	7
.1.	January 2003	L	L		L		_		Ī			1	-	1,111	Unimeno	MD	Down	-
430	Monthly Information	· · · · ·		20.00												 	 	-
, 5	January 2003	1339	1714		25 801	272	270	271	272	25	3	3	0	3	9	25	25	-
	Servery 2003	100.7	1/14	PI	801	48.00	0.056	0.058	0,490	77.1	21.2	30.2		19.2	0.117	51	51	-
	Daily Information									_								Ξ
	January 1, 2003										-			 -				-
	January 2, 2003	400 0	4700	7505													-	-
	January 3, 2003 January 4, 2003	181.8 182.0	1732 1713	2505 2513	773 801	48.00 48.00	0.055	0.056	0.491	 								-
	January 5, 2003	168.2	1698	2468	770	48.00	0.049	0.053	0.491 0.491	75.2	<u> </u>					40	44	_
	January 6, 2003	181.8	1718	247B	760	48.00	0.053	0.056	0.492	88.0								_
	January 7, 2003	181.7	1670	794	790	48,00	0.049	0.059	0.490	74.4					0.125 0.125	43	52	_
	January 8, 2003	181.8	1718	रुनान	761	48.00	0.059	0.061	0.491	77.7					0.094	53	52 50	-
	January 9, 2003 January 10, 2003	161.5	1709	9453	782	48.00	0.052	0.060	0.495	74.0						- 20	53	-
	January 11, 2003	169.7	1721	24.27	765	48.00	0.054	0.053	0.487									-
	January 12, 2003	181.8	1716	1489	773	48.00	0.045	0.033	0.489	82.0								_
	January 13, 2003	182.1	1728	2515	789	47.99	0.054	0.056	0.490	78.7					0.125 0.125	51	58	_
	January 14, 2003	181.9	1715	2535	820	47,98	0.061	0.058	0.491	76.7	21.3	30.3		20.0	0.125	51 55	53	_
	January 15, 2003 January 16, 2003	181.8	1703	2534 2505	821 802	48.00 48.00	0.060	0.062	0.495							_~_		-
	January 17, 2003	181.7	1734	2567	833	48,00	0.063	0.062	0.489	76.2								_
	January 18, 2003			 			2,000	1,033	0.490	10.2					0.094	60	51	_
	January 19, 2003	177.9	1709	2533	823	47,99	0.060	0.046	0.487									
	January 20, 2003	182.1	1706	2504	798	48,00	0.053	D.D46	0.490	78.9					0.125	52	48	-
	January 21, 2003 January 22, 2003	181.0 179.8	1709	2537	828	48,00	0.048	0.047	0.491	74.8						50 ·	56	-
	January 23, 2003	180.9	1718 1719	2553 2535	838 615	48.00 47.99	0.052	0.055	0.489	79.2	21.0	30.0		16,3		50	49	-
	January 24, 2003	182.0	1725	2547	B22	47.98	0.055	0.052	0.492 0.493	81.0 85.6						52	52	•
	January 25, 2003			2538		*****	7,000	0.000	U.433	03.6			 		-	49	53	_
	January 26, 2003	178.5	1722	2524	802	47,99	0.067	0.058	0.489	73.3								_
	January 27, 2003	182.0	1718	2515	797	48.00	0.055	0.065	0.488	70.6			i	 -i		47 48	52 52	-
	January 28, 2003	181.7	1715	2524	809	48.00	0.081	0.055	0.489	77.0						51	59	-
	January 29, 2003 January 30, 2003	181.8	_1708 1713	2541 2537	833	47.99	0.058	0.061	0,491	66.8						49	50	-
	January 31, 2003	- 101 -	-1/13	23/	824	48.00	0.049	0.056	0,491		T				1			•
				 +					!									

Fig. 18a

	 		 	L		Taper	r Depth		1	1	Edne H	erdnese		1.7		_	
	Machine Speed	Drg Velgte	Vet Vright	Loss	Board Vidth	Code	Opp	Caliper	Nati Pel	Core		Opp	End	4	Face Up	Face	**
ebtuary 2003			1	1	I				T			LOSS	Playeness	Deflectio	MD	Dove	
-Month Rolling Avg						 		 					1				Т
Average	180.6	$\overline{}$	2511	800	47.997	0.057	0.058	0.490									
Number of Samples	2931	Z. 1		54	593	587	588	593	77.5	21.8	28.5		19.0	0.128	48	50	+
LSL		1420	1		47 29/32	0.050	0.050	0.485	49	-3-1	3	0	3	28	49	49	+
USL.		140	/		48	0.090	0.030	0.515	80	15.0	15.0	15.0	15.0		40	40	+
Std Day	3.464	35.305	45,956	33,603	0.018	0.020	0.017	0.004						1.250			+
Std Dev / 1,7321	2.000	31.967	26.533	19,400	0.009	0.011	0.010	0.002	4,387	1,072	2,411		0.562	0.025	4.442	3,550	+-
Cpku				75.700	0.115	0.948	1.178		2.533	0.619	1,392		0.509	0.014	2.564	2,050	+
Cpkl					3 230	0.217	0.222	3,890						26.368			+
Cpt					0.115	0.217	0.222	0,829	-0,334	3.652	3,299		2.619		1.037	1,558	┿
G					1.673	0.583		0.829	0.334	3.652	3,299		2,619	26.368	1.037	1.668	+
					7,073	0.503	0.699	2.359	-0.334	3.652	3.299		2.519	28.368	1,037	1.668	╆
																-1200	t
Month Period Endig	- 				-												F
January	181.1	1712	2509	796	48.00	0.058	0.056	0.400							-		╆
February	180.6	-	2511	800	48.00	0.057	0.056	0.490	77.5	21.8	26.8		19.0	0.120	48	50	╆
March	179.9	/115 I	2517	807	48.00	0.058	0.057	0.491	77.5	21.8	26.8		19.0	0,126	48	50	╆
April	177.0	1441	2527	835	48.00	0.053	0.057	0.492	77.1	21.2	30.2		19.2	0.117	51	51	t
Mary		(''			7020	-0.034	- 0.05/- 	0,492								 -	t٠
Ame		~~						-									┢
kaly .						$\overline{}$											┢
August			_														-
September			-			-	-										⊢
October																	⊢
lovember				-													┢
December .							-										-

Fig. 18b

		Machine	Org	Vet	 	+	I abei	Depth			L	Edge He	dness	1 .	1		
		Speed	Veight	Veight	Loss	Board Vidth	Code	Dpp Code	Callery	Nai Pa	Core Hardness	Code	Орр	End	•	Face the	Face
Current Yes													L 084	Hardness	Deflectio	MO	Down
Yem-to-d	de Ave	179.9	1710	2517	807	48.00	0.056	0.057	0.491	77.1	21.2	30.2					
			L ~				1							19.2	0.117	51	51
Entire Yes	s Avg	179.9	// ·	2517	607	48.00	0.056	0.057	0.491	77.1	21.2	30.2		 			
			(422		L		T					-04		19.2	0.117	51	51
<u> </u>			7	<u> </u>													
December (Last Year)	181.5	سيب	2502	791	48.00	0.060	0.058	0.490	77.8	23.0	25.0					
Jenuary		180.7	1714	2515	-801	48.00	0.058	0.058	0.490	77.1	21.2	30.2		18.7	0.133	45	49
February		177.0	1692	2527	835	48,00	0.053	0.057	0.492			-30.2		19.2	0.117	51	. 51
								- X17X1	55								
			(47:	-													
			1	3 7													
		· .	-														
				_			_										
							 										
																	
Prior Year In	6																
	_	$\overline{}$					 										
Overwrite it	etorian b	=										I					
Enter Year		7	nter the	0 001170	# 1 ea		enthia										
-			المستحسب	كدست	3 mini	ւասջու	en anis i	De			1.						
Mistorian Da																	 -
Entire Year		176,1	· *	2502	791												
Year-to-dat		770.7	422	2302	791	48.00	0.060	0.055	0.490	77.8	23.0	26.0		187	0.133	45	
. 1881-10-031	O WALL	 ^	-924	'											0.133	- 43	49
Entire Year		4704	`						1								
Entre Jest	AVI	176.1	A PART	2502	791	48.00	0.060	0.056	0.490	77.8	23.0	26.0		18.7	9,133	45	
7 .					,	•								14.7	9,133	44	49

Fig. 18c

Replacement Sheet 23 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

C:\Documents and Settings\gbccdp\Local Settings\Temporary Internet Files\OLK4\Documentation-Adhoc Reporting Tootsee 252 -250 259 253 Select Starting Date and Time: RETRIEVE DATA Select Server February 25, 2003 ,4 5 12:00 AM / Corporate Server W Select Period / Frequency ट्य Select Plant: For best performance: -Apollo 1Day - Every 15 Minutes lf you are at a plant, you should select Plant Server SAVE TO FILE 257 Likewise, if you are in Charlotte, you should select EST 527, 780, 529 Previous Corporate Server. 255 Select Measures WE KF 🤄 DE : KF 🕝 DE DE DE 🤻 KF : DE 🖔 KF -DE 🚡 LB 🖁 Beardine Running or Down KF Calipe Edge Different KF WeigM | NE Weight KF Widt DE Widt 241 Back 2 Hour Average Standard Deviation -258 Date / Time
2:25-03 12:06 AM
2:25-03 12:15 AM
2:25-03 12:16 AM
2:25-03 12:16 AM
2:25-03 12:16 AM
2:25-03 12:06 AM
2:25-03 2:06 AM
2:25-03 2:06 AM
2:25-03 2:06 AM
2:25-03 2:06 AM
2:25-03 3:06 AM Running 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 7,000 Running Runnin 7.000 7.000 7.000 7.000 7.000 7.000 7.000 7.000 7.000

Fiq. 19

Select Startin	g Date an	d Time:
February 25, 2003	Y.	12:00 AM
		12:50 AM
February 2003		(:0 9 AM
SIN MARINE STATE	inessi.	2.00 AM
		3:00 AM
26 3.27 28 29 30		4:00 AM
	7 8	5:00 AM
9 (10 11 12 13		6:00 AM
16 517 18 19 20	21 22	.7:00 AM
23 24 (55) 26 27	28 . 1	8:00 AM
	7,5,8	9:00 AM
Today 2/25/2003	76.05	10:00 AM
		11:00 AM
Average	And the Party of t	12:00 PM
Standard Deviation		1:00 PM
Standard Doving		2:00 PM
Date / Time		3:00 PM
2/25/03 12:00 AM	Running	4:00 PM
2/25/03 12:15 AM	Running	5:00 PM
2/25/03 12:30 AM	Running	6:00 PM
2/25/03 12:45 AM	Running	7:00 PM
2/25/03 1:00 AM	Running	8:00 PM
2/25/03 1:15 AM	Running	9:00 PM
2/25/03 1:30 AM	Running Running	10:00 PM
2/25/03 1:45 AM 2/25/03 2:00 AM	Running	11:00 PM
2/25/03 2:00 AM	1 (01111119)	μ

Fig. 20a

Replacement Sheet 25 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

Baltimore 1 **Baltimore 2** Burlington
Fort Dodge
Long Beach
Lorain Medicine Lodge 1 Medicine Lodge 2 **National City** Phoenix **Portsmouth** Rensselaer Richmond Rotan Savannah Shippingport Shoals Tampa 1 Tampa 2 Waukegan Westwego Wilmington

Fig. 206

Replacement Sheet 26 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

Select Period / Frequency



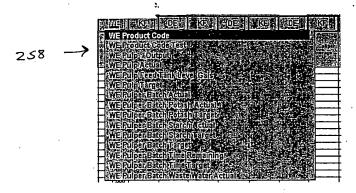
Fig. 20c

Select Server



Fig. 200

Select Measures (Tags)



Page 3 of 6

Fig. 20e

© 2002 National Gypsum Properties, LLC

Replacement Sheet 27 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

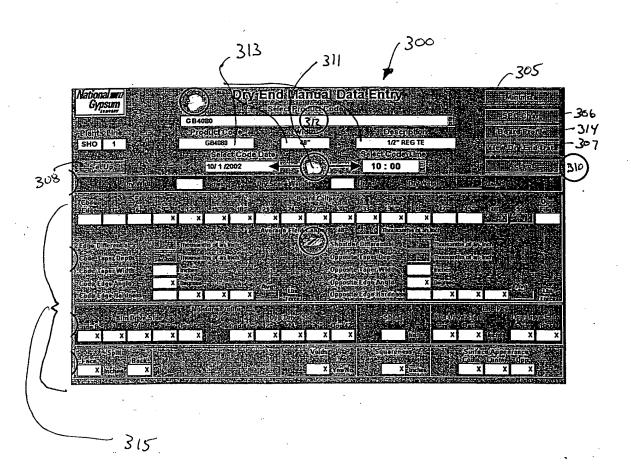


Fig. 21

Replacement Sheet 28
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

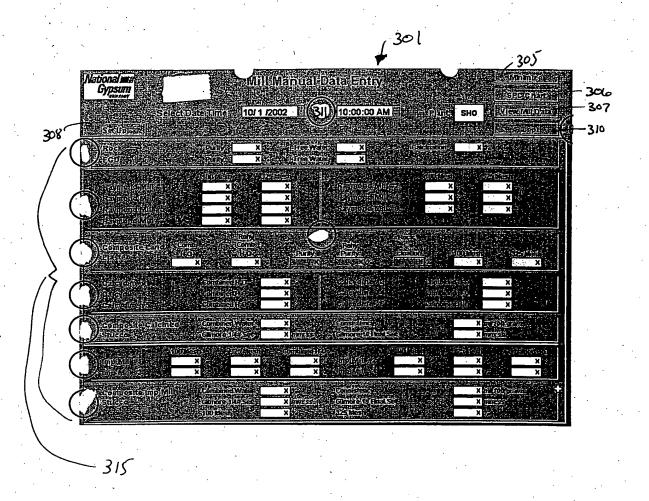


Fig. 22

Replacement Sheet 29 Serial No.: 10/828,751 Title: System and Method for Plant Management Inventors: Price, et al.

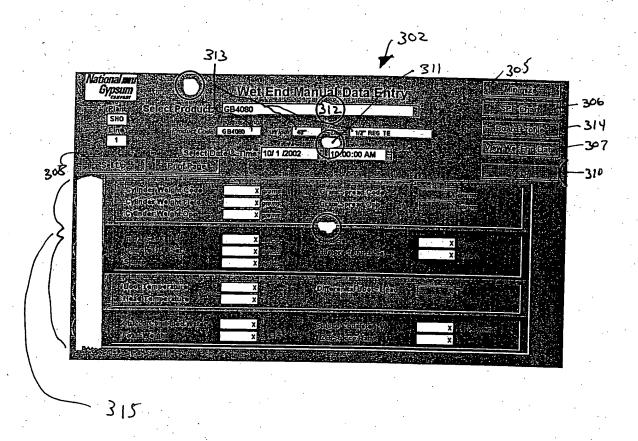


Fig. 23

Replacement Sheet 30
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.

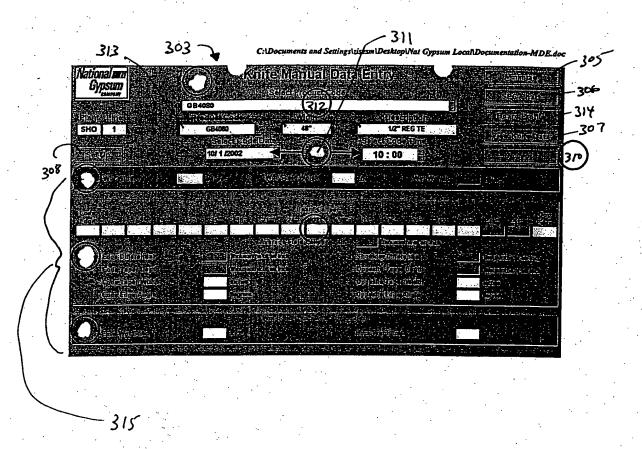
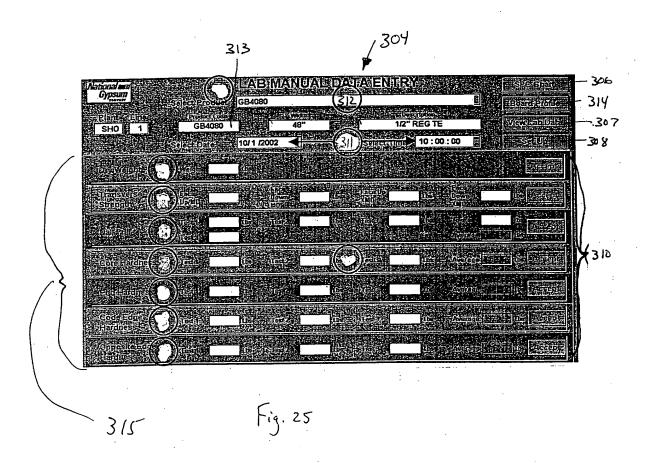


Fig. 24

Replacement Sheet 31
Serial No.: 10/828,751
Title: System and Method for Plant Management
Inventors: Price, et al.



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

| BLACK BORDERS
| IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
| FADED TEXT OR DRAWING
| BLURRED OR ILLEGIBLE TEXT OR DRAWING
| SKEWED/SLANTED IMAGES
| COLOR OR BLACK AND WHITE PHOTOGRAPHS
| GRAY SCALE DOCUMENTS
| LINES OR MARKS ON ORIGINAL DOCUMENT
| REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

OTHER: _

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.